

D. Johnson
#4 65-96
IDS. w/References

PATENT
Docket No. 5634.145

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: John C. Harvey and James W.
Cuddihy

Serial No.: 08/447,974

Filing Date: May 23, 1995

For: Signal Processing Apparatus and
Methods

Group Art Unit 2602/348

Examiner:

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GROUP 260

Assistant Commissioner of Patents
Washington D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56(a) and in conformance with the procedures of 37 C.F.R. §§ 1.97-98 and M.P.E.P. § 609, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449.

The above-referenced application claims priority under 35 U.S.C. § 120 of the following applications:

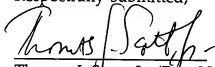
<u>Serial No.</u>	<u>Filing Date</u>	<u>Patent No.</u>
08/113,329	August 30, 1993	Pending
08/056,501	May 3, 1993	5,335,277
07/849,226	March 10, 1992	5,233,654
07/588,126	September 25, 1990	5,109,414
07/096,096	September 11, 1987	4,965,825

Applicants believe that all references cited on the attached PTO 1449 form were cited by or submitted to the PTO in one or more of the case cited above or in U.S. Patent Application Serial No. 06/829,531, filed February 15, 1986 now U.S. Patent No. 4,704,725, U.S. Patent Application Serial No. 06/317,510, filed November 3, 1981 now U.S. Patent No. 4,694,490 and co-pending U.S. Patent Application Serial No. 08/448,143, filed May 23, 1995. Therefore, no copies of the listed references are provided herewith. Additionally, references believed to be dated in the period from November 3, 1981 through September 11, 1987 are included in the present IDS as this application only claims priority to the September 11, 1987 filing date. It is respectfully requested that the information above be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

CERTIFICATION AND/OR FEE

Since this IDS is being filed pursuant to 37 C.F.R. § 1.97(b) before the later of three months after the filing date of the above-referenced application or the date of receipt of the first Office action on the merits, no certification or fee is required.

Respectfully submitted,



Thomas J. Scott, Jr. (Reg. No. 27,836)

Dated: December 5, 1995

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Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
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	3,733,431	5/15/73	Kirk, Jr., et al.	178/5.1	
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	4,462,076	7/24/84	Smith, III	364/200	
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	4,521,806	6/4/85	Abraham	358/86	
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	4,706,121	11/10/87	Young	358/142	5/6/86
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	4,750,036	6/7/88	Martinez	358/147	5/14/86
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	4,792,849	12/20/88	McCalley et al.	358/86	8/4/87
	4,792,973	12/20/88	Gilhousen et al.	380/24	12/4/87***
	4,802,114	1/31/89	Sogame	364/900	12/15/86
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	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
	Filing Date May 23, 1995	Group 2602/348

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	4,868,866	9/19/89	Williams, Jr.	380/49	2/18/88***
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***. Claims priority from parent application filed prior to Sep. 11, 1987.

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	Filing Date May 23, 1995	Group 2602/348

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MM/

Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.145	Serial No. 08/447,974
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	Filing Date May 23, 1995	Group 2602/348

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	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date May 23, 1995	Group 2602/348

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